

Converting Colors

XYZ(154.5308, 100.0000,
41.5422)

Have a look what the booklet for
XYZ(154.5308, 100.0000, 41.5422)
contains.

XYZ(61.2607, 51.9690, 37.3741)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.2607, 51.9690,
37.3741)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA99A
RGB	255, 169, 154
RGB Percent	100%, 66%, 60%
CMY	0.0000, 0.3372, 0.3961
CMYK	0.00, 0.34, 0.40, 0.00
HSL	9°, 100%, 80%
HSV	9°, 40%, 100%
XYZ	61.2607, 51.9690, 37.3741
YIQ	193.0040, 56.0710, 13.5670

Conversions

Conversions Part 2

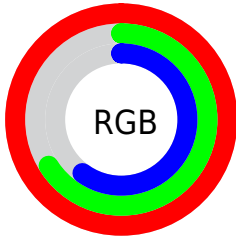
Format	Color
R _Y B	255, 172, 154
Decimal	16755098
CIE Lab	77.26, 29.91, 20.76
CIE LCh	77, 36.409, 34.769
Yxy	51.9690, 0.4068, 0.3451
Android (android.graphics.Color)	4294945178 (0xFFFFA99A)
YUV	193.0040, -19.2290, 54.3705
Hunter-Lab	72.0895, 25.5302, 19.7244

Details

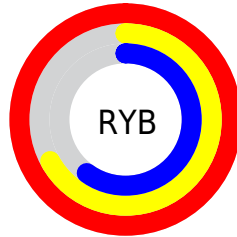
The XYZ color **61.2607, 51.9690, 37.3741** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.5352, 76.4072, 106.0598**, and the grayscale version is **50.7785, 53.4229, 58.1776**.

A 20% lighter version of the original color is **79.5504, 79.6645, 70.8585**, and **31.4585, 25.2058, 16.0391** is the 20% darker color. If you saturate the color by 10%, you get **55.6490, 43.7911, 26.1150**, and if you desaturate by 10%, it is **67.9969, 61.6738, 51.2346**.

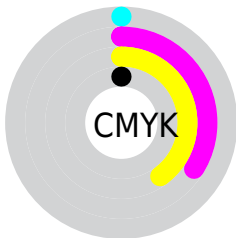
Distribution



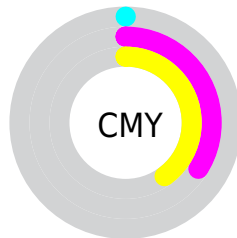
- Red (100%)
- Green (66%)
- Blue (60%)



- Red (100%)
- Yellow (67%)
- Blue (60%)



- Cyan (0%)
- Magenta (34%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2607, 51.9690, 37.3741 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 61.2607, 51.9690, 37.3741 by changing the saturation by 10% instead.


 61.2607, 51.9690,
37.3741

 61.2607, 51.9690,
37.3741


418.9899,
394.3169, 350.1447

 44.6889, 36.9804,
25.1992


 105.7523, 93.0855,
72.3405

 31.4127, 25.1923,
16.0052


 134.4028,
119.9822, 95.9691

 21.0667, 16.2204,
9.3734


167.8103,
151.6170, 124.2528

 13.2855, 9.6802,
4.8854

206.3402,
188.3743, 157.6099

 7.7038, 5.1875,
2.1226

250.3577,
230.6386, 196.4591

 3.9562, 2.3577,
0.6292

300.2283,

 1.6774, 0.8040,

278.7942, 241.2190

0.0000

356.3172,
333.2255, 292.3080

■ 0.4421, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2607, 51.9690,
37.3741

■ 61.2607, 51.9690,
37.3741

■ 55.6490, 43.7911,
26.1150

■ 67.9969, 61.6738,
51.2346

■ 51.0960, 37.0547,
17.2916

■ 75.9106, 72.9699,
67.8422

■ 47.5348, 31.6778,
10.7234

■ 85.0565, 85.9274,
87.3353

■ 44.8893, 27.5668,
6.2040

95.0500, 100.0000,
108.9000

■ 43.0716, 24.6158,
3.4881

■ 41.9624, 22.6961,
2.1979

■ 41.9294, 22.6389,
2.1598

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.0134, 51.9690, 53.4495



61.2607, 51.9690, 37.3741



55.3398, 51.9690, 28.4504

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.2607, 51.9690, 37.3741



38.2216, 51.9690, 41.7311



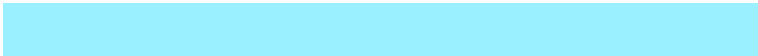
50.5192, 51.9690, 104.1836

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



61.2607, 51.9690, 37.3741



62.5352, 76.4072, 106.0598

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



43.8919, 51.9690, 98.9644



61.2607, 51.9690, 37.3741



37.1909, 51.9690, 59.8416

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.2607, 51.9690, 37.3741



42.1297, 51.9690, 30.5192



39.1698, 51.9690, 81.4576



57.4509, 51.9690, 94.3977

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



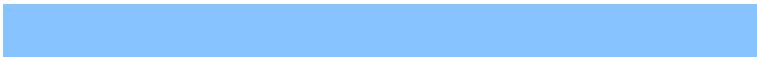
61.2607, 51.9690, 37.3741



50.6288, 51.9690, 26.2900



39.1698, 51.9690, 81.4576



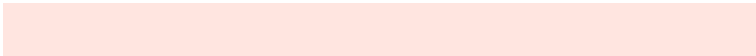
48.1814, 51.9690, 104.1430

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



61.2620, 51.9715, 37.3751



82.7533, 82.6724, 82.4016



68.7528, 50.7545, 89.8104



17.4501, 17.3238, 17.0762



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.2620, 51.9715, 37.3751



56.4781, 45.0064, 27.7561



72.1357, 73.7189, 40.9997



18.2271, 18.4224, 18.7395



21.9739, 11.9591, 1.1502



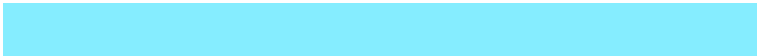
2.2009, 1.2872, 0.1325

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62.5352, 76.4072, 106.0598



57.8905, 72.6354, 105.5766



50.0149, 51.3667, 101.8864



18.3114, 19.9944, 23.1441



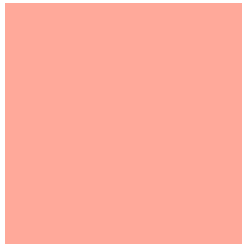
22.4996, 29.9089, 54.0217



2.2505, 3.0317, 5.2798

Previews

White Background



This preview shows how the XYZ color 61.2607, 51.9690, 37.3741 looks on a white background.

Color Contrast Check

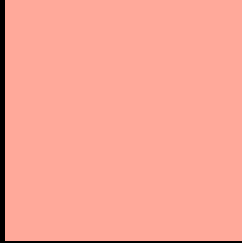
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 61.2607, 51.9690, 37.3741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2607, 51.9690, 37.3741

Background



This preview shows how black text looks on a background with the XYZ color 61.2607, 51.9690, 37.3741.



This preview shows how white text looks on a background with the XYZ color 61.2607, 51.9690,

37.3741.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

61.2607, 51.9690, 37.3741

Protanopia

49.5097, 52.3957, 43.1013

Deuteranopia

53.1578, 52.2033, 36.5527



Tritanopia

63.0946, 52.1118, 48.8526

Trichromacy



Original Color

61.2607, 51.9690, 37.3741

Protanomaly

53.1853, 51.8123, 40.9158

Deuteranomaly

56.0485, 52.1694, 36.8214

Tritanomaly

62.4041, 52.1298, 44.3091

Monochromacy



Original Color

61.2607, 51.9690, 37.3741

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.5961, 52.1346, 49.8860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2607, 51.9690, 37.3741 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 169, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 154)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 169, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 154) }
```

Border

The CSS property to change the border of an element to XYZ 61.2607, 51.9690, 37.3741 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 169, 154) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 169, 154) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 169, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2607, 51.9690, 37.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 154) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
169, 154) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor